

1   **What is claimed is:**

2           1.   A method for enabling a wireless device to  
3   transmit and receive data receiving through a personal  
4   computer, comprising the steps of:

5           providing a wireless device, comprising a first data  
6           link port and a data terminal equipment;

7           providing a personal computer, comprising a second  
8           Internet access port, a second data link port,  
9           and a packet router;

10          coupling the wireless device and the personal  
11          computer using the first data link port and the  
12          second data link port via a medium;

13          receiving data packets from the Internet through the  
14          second Internet access port; and

15          transmitting the data packets to the data terminal  
16          equipment via the medium using the packet  
17          router.

1           2.   The method as claimed in claim 1, wherein in  
2   the transmitting step, the network data is delivered from  
3   the second data link port to the first data link port via  
4   the medium.

1           3.   The method as claimed in claim 2, wherein the  
2   medium is Bluetooth, RS-232, USB, or infrared.

1           4.   The method as claimed in claim 1, wherein in  
2   the step of providing the wireless device, the wireless  
3   device further comprises a first Internet access port for  
4   receiving the data packets from the Internet.

1           5.    The method as claimed in claim 1, wherein the  
2    wireless device receives data packets from the personal  
3    computer via the medium through the first data link port.

1           6.    An apparatus for enabling a wireless device to  
2    transmit and receive data receiving through a personal  
3    computer, comprising:

4           a personal computer, coupled to the Internet,  
5                comprising a second Internet access port, a  
6                second data link port, and a packet router; and  
7           a wireless device, coupled to the personal computer  
8                and the Internet, comprising a first data link  
9                port and a data terminal equipment, in which  
10           the wireless device, using the first data link  
11           port, connects to the personal computer, using  
12           the second data link port, via a medium, the  
13           personal computer receives data packets from  
14           the Internet through the second Internet access  
15           port, and the data packets is transmitted to  
16           the data terminal equipment via the medium  
17           using the packet router

1           7.    The apparatus as claimed in claim 6, wherein  
2    the network data is delivered from the second data link  
3    port to the first data link port via the medium.

1           8.    The apparatus as claimed in claim 7, wherein  
2    the medium is Bluetooth, RS-232, USB, or infrared.

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1           9.    The apparatus as claimed in claim 6, wherein  
2   the wireless device further comprises a first Internet  
3   access port for receiving data packets from the Internet.

1           10.   The apparatus as claimed in claim 6, wherein  
2   the wireless device receives data packets from the  
3   personal computer via the medium using the first data  
4   link port.